

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program Order No. R1-2011-0012
(Replaces Monitoring and Reporting Program No. R1-2009-0076)

FOR

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44975 Highway 101, North
Laytonville, California

Case No. 1TMC146

Mendocino County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of groundwater and submission of technical reports. Reports are required on a quarterly basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

Under the authority of CWC section 13267, the Discharger named above is required to comply with the following:

MONITORING and REPORTING

- 1) The presence of floating product shall be evaluated in monitoring well (MW) MW-1, MW-4, MW-5, MW-6, MW-7, and MW-8 quarterly. If detected, the thickness shall be measured to at least 0.01 foot increments.
- 2) The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments. The depth to groundwater shall be measured quarterly in all monitoring wells. The data generated from the groundwater elevation readings must be referenced to mean sea level.
- 3) The results of the groundwater elevation readings shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
- 4) A groundwater elevation contour map shall be included in each quarterly monitoring well sampling report and shall include the following:
 - a) location of the facilities;
 - b) location of the monitoring wells;
 - c) location of the former underground tanks; and
 - d) groundwater flow pattern including the direction of the groundwater gradient.

- 5) The following table provides the laboratory analyses that shall be performed at a certified laboratory for the samples collected from the monitoring wells, and the monitoring and reporting periods.

Monitoring Well	Laboratory Analyses	Reporting Period	Report Due Date
MW-1, MW-4, MW-5, MW-6, MW-7, MW-8	Total Petroleum Hydrocarbons (TPH) as gasoline, TPH as diesel, benzene, toluene, ethyl benzene, xylenes, methyl tertiary-butyl ether, tertiary-amyl methyl ether, t-Amyl methyl ether, ethylene dibromide, 1,2 dichloroethane, di-isopropyl ether, ethyl tertiary-butyl ether, tertiary butanol	January, February, March	April 30
MW-5, MW-6, MW-7, MW-8	Same as above.	April, May, June	July 30
MW-1, MW-4, MW-5, MW-6, MW-7, MW-8	Same as above.	July, August, September	October 30
MW-5, MW-6, MW-7, MW-8	Same as above.	October, November, December	January 30

- 6) Current and previous laboratory analytical results shall be reported in tables which include the following:
- a) sampling point name;
 - b) date of sample collection;
 - c) constituents and analytical results; and
 - d) quantification limits employed for non-detect analytical results.
- 7) Each report shall contain copies of the well purging and sampling field logs; chain of custody documents indicating the time and date of sample collection and the person collecting the samples; signed laboratory sheets including quality control data and explanations of analytical anomalies, if any.
- 8) If one or more samples or analyses required by this program cannot be collected, the report shall state the reason for the omission and explain what corrective actions shall be employed to prevent future omissions.
- 9) All newly installed monitoring wells will be sampled quarterly for one year for the contaminants applicable to the area of well installation.

- 10) The monitoring reports shall be submitted in hard copy form. In addition, the monitoring reports and monitoring data shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database as required by Title 23, Division 3, Chapter 30 of the California Code of Regulations.
- 11) Monitoring reports shall be submitted to this office by the Report Due Date.

Ordered by _____

Catherine Kuhlman
Executive Officer

January 6, 2011